

Message Text

PAGE 01 STATE 076050

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ORIGIN EPA-04

INFO OCT-01 EUR-25 EA-11 NEA-10 IO-14 ISO-00 CEQ-02 SCI-06

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EB-11 CIAE-00 PM-07 INR-10 L-03 NSAE-00 PA-04 RSC-01

PRS-01 SP-03 USIA-15 TRSE-00 SAJ-01 COME-00 OIC-04

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FM SECSTATE WASHDC

TO ALL NATO CAPITALS

INFO USMISSION EC BRUSSELS

USMISSION OECD PARIS

USMISSION GENEVA

AMEMBASSY TOKYO

AMEMBASSY STOCKHOLM

AMEMBASSY TEL AVIV

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E.O. 11652: N/A

TAGS:NATO/SENV

SUBJECT: CCMS: AIR POLLUTION PILOT STUDY WORKING GROUP
MEETING (APRIL 9-10, 1974) AND FINAL PILOT STUDY
REPORT

A. AS A RESULT OF WORKING GROUP MEETING ON AIR POLLUTION
PILOT STUDY HELD ON 9, 10 APRIL IN WASHINGTON, THE FINAL
DRAFT REPORT WAS COMPLETED. THE SUMMARY OF THIS REPORT
FOLLOWS IN PARA B BELOW AND CONTAINS THE FIFTEEN RECOM-
UNCLASSIFIED

PAGE 02 STATE 076050

MENDATIONS WHICH WILL BE PRESENTED FOR APPROVAL AT THE MAY
CCMS PLENARY. THE ENTIRE TEXT OF THE REPORT WILL BE POUCHED
EARLY NEXT WEEK. THE WORKING GROUP MEMBERS ATTENDING THE
MEETING WERE GOERKE OF INTERIOR MINISTRY FRG, SCHNEIDER

OF HEALTH INSTITUTE GON, KWIZAK AND DEKONING OF ENVIRONMENT CANADA, SANTAMAURO AND REMORDINO OF HEALTH MINISTRY ITALY, AND U.S. JONES. WORKING GROUP MEMBERS OF NORWAY AND TURKEY WERE ABSENT. THE FOLLOWING INSTRUCTIONS REQUIRE FOLLOW-UP.

1. FOR MISSION: THE FINAL REPORT SUMMARY IS MAIN ACTION TEXT FOR MEMBERS TO REVIEW AND COMMENT ON PRIOR TO PLENARY SESSION. WE WOULD APPRECIATE IMMEDIATE REVIEW AND COMMENT SO THAT ANY ISSUES CAN BE RESOLVED INSOFAR AS POSSIBLE PRIOR TO PLENARY. WE DO NOT ANTICIPATE COMMENTS OTHER THAN EDITORIAL IN NATURE ON REMAINING TEXT.

2. FOR ANKARA: U.S. EPA EXTREMELY DISAPPOINTED IN NON-PARTICIPATION BY GOT OFFICIALS IN VIEW OF TURKISH COMMITMENT TO ACT AS CO-PILOT. FINAL REPORT IS TO BE SUBMITTED OVER SIGNATURES OF PILOT AND CO-PILOT COUNTRIES. WORKING GROUP REVIEWED GOT COMMENTS ON RECOMMENDATIONS AND ARRIVED AT AGREEMENT ON TEXT ENCLOSED. USG AND FRG ASSUME GOT WILL AGREE WITH SAME. WE NEED GOT CONCURRENCE AND SIGNATURE BY GOT EMBOFF HERE IN ORDER TO TRANSMIT FINAL DRAFT NEXT WEEK. PLEASE HAVE GOT SEND INSTRUCTION TO GOT EMBASSY HERE SO AS TO PERMIT SIGNING AND/OR COMMENT.

3. FOR MISSION: SPIELMAN AGREED THAT SECRETARIAT WOULD TRANSLATE ENTIRE TEXT OF REPORT TO MEET FRENCH AND BELGIAN REQUIREMENTS. REQUEST MISSION APPROACH SECRETARIAT IN THIEBEAU'S ABSENCE IN THIS REGARD.

4. FOR LONDON: REQUEST EMBASSY INFORM CRANE DOE THAT HODSOLL RAISED ORAL UK SUGGESTION REGARDING CHANGING THE TERM "STANDARDS" TO "OBJECTIVES" IN RECOMMENDATION VIII. WORKING GROUP AWARE OF NOMENCLATURE PROBLEM IN DIFFERENT COUNTRIES BUT FELT THAT "STANDARDS" IS MOST APPROPRIATE IN THAT OTHER TERMINOLOGY SUCH AS "OBJECTIVES" AND "GOALS" HAVE NO LEGAL CONNOTATIONS. THE TEXT OF THE REPORT AS WELL AS THE PHRASE "IN ACCORDANCE WITH NATIONAL PRIORITIES" UNCLASSIFIED

PAGE 03 STATE 076050

CONTAINED IN THE RECOMMENDATION ITSELF PROVIDES THE FLEXIBILITY NEEDED FOR ALL NATIONS TO BE RESPONSIVE TO THIS RECOMMENDATION IN THE VIEW OF THE WORKING GROUP.

B. THERE FOLLOWS TEXT OF SUMMARY AND RECOMMENDATIONS OF FINAL REPORT:

BEGIN TEXT

AIR POLLUTION PILOT STUDY

SUMMARY

AIR POLLUTION IS RECOGNIZED AS ONE OF THE MOST SIGNIFICANT PROBLEMS FACING OUR MODERN INDUSTRIALIZED SOCIETY. FOR THIS REASON, THE CCMS UNDERTOOK THE AIR POLLUTION PILOT STUDY AS ONE OF ITS CHARTER PROJECTS AT ITS INAUGURAL PLENARY SESSION IN DECEMBER 1969. THE OBJECTIVE OF THE PILOT STUDY WAS TO DEVELOP AND ENHANCE AIR QUALITY MANAGEMENT AND DEALT WITH THE THREE ELEMENTS MOST COMMON TO ALL NATIONAL PROGRAMS.

THEY WERE:

--DEVELOPMENT OF AIR POLLUTION ASSESSMENT METHODOLOGY THROUGH STUDIES OF INDIVIDUAL CITIES WITHIN MEMBER COUNTRIES

--DEVELOPMENT OF AIR POLLUTION CRITERIA ON THE EFFECTS OF MAJOR AIR POLLUTANTS.

--TECHNICAL REVIEW AND PUBLICATION OF STATE-OF-THE-ART INFORMATION ON CONTROL TECHNOLOGY FOR MAJOR POLLUTANTS.

ADDITIONALLY, BECAUSE OF THE RECOGNIZED NEED FOR DRASTIC REDUCTION IN EMISSIONS FROM AUTOMOTIVE SOURCES, DEVELOPMENT OF LOW-POLLUTION POWER SYSTEMS WAS UNDERTAKEN DURING THE COURSE OF THE STUDY.

THE MAJOR EFFORTS UNDERTAKEN IN THE OVERALL PILOT
UNCLASSIFIED

PAGE 04 STATE 076050

STUDY WERE DIVIDED INTO FIVE AREAS:

--CITY BY CITY AIR QUALITY ASSESSMENTS BY INDIVIDUAL COUNTRIES, WITH SUBSEQUENT REPORTS TO THE CCMS AND COLLABORATION ON PUBLICATION OF COMMON ASSESSMENT METHODOLOGY.

--ESTABLISHMENT OF AN AIR QUALITY CRITERIA PANEL OF EXPERTS FROM MEMBER COUNTRIES TO PUBLISH DATA ON THE EFFECTS OF POLLUTANTS.

--ESTABLISHMENT OF A CONTROL TECHNOLOGY PANEL OF EXPERTS FROM MEMBER COUNTRIES TO REVIEW AND PUBLISH INFORMATION ON CONTROL MEASURES.

--ESTABLISHMENT OF A MODELING PANEL OF EXPERTS FROM MEMBER COUNTRIES TO ASSIST IN THE DEVELOPMENT AND USE OF MODELS IN AIR QUALITY MANAGEMENT.

--ESTABLISHMENT OF MECHANISMS FOR COOPERATION ON LOW POLLUTION POWER SYSTEMS DEVELOPMENT (LPPSD) THROUGH A SIX-NATION MEMORANDUM OF UNDERSTANDING.

THE RESULTS OF THE PILOT STUDY HAVE BEEN COMPLETELY DOCUMENTED IN THE OFFICIAL CCMS REPORTS LISTED IN APPENDIX B OF THIS REPORT.

PARTIAL RESULTS OF THE PILOT STUDY LED TO THE APPROVAL OF THE AIR POLLUTION RESOLUTION BY CCMS IN NOVEMBER 1971 AND ITS ADOPTION BY THE NORTH ATLANTIC COUNCIL IN JANUARY 1972. THE FULL TEXT OF THE RESOLUTION PROVIDES THAT ALL MEMBER NATIONS WILL:

--TAKE COGNIZANCE OF THE NEED FOR DYNAMIC EFFORTS AND MAINTAINING THE QUALITY OF THE AIR;

--ENDEAVOR TO USE, WHERE APPROPRIATE FOR SETTING UP NATIONAL AIR QUALITY MANAGEMENT PROGRAMS, THE SYSTEMS METHODOLOGY GENERATED BY THE CCMS PILOT STUDIES; AND

--PROMOTE COOPERATION AMONG MEMBERS WHEN AIR UNCLASSIFIED

PAGE 05 STATE 076050

POLLUTION PROBLEMS ARE COMMON TO NATIONAL BOUNDARIES.

RECOMMENDATIONS

FIFTEEN RECOMMENDATIONS WHICH DIRECTLY SUPPORT THE ABOVE CITED RESOLUTION WERE DERIVED FROM THE RESULTS OF THE PILOT STUDY. ADOPTION OF THESE RECOMMENDATIONS WILL DEMONSTRATE THAT MEMBER NATIONS HAVE DEDICATED THEMSELVES TO ACTING ON THE RESULTS OF THIS PILOT EFFORT AND WILL MOVE TOWARD A DYNAMIC AND SYSTEMATIC SOLUTION OF OUR COMMON AIR POLLUTION PROBLEMS.

SEVEN RECOMMENDATIONS ARE MADE FOR ASSESSMENT OF AIR QUALITY THE FIRST GENERAL, THE SECOND THREE FOR MONITORING, AND THE THIRD FOR EMISSIONS INVENTORY:

RECOMMENDATION I

MEMBER NATIONS WILL CONDUCT ASSESSMENT STUDIES IN CITIES OF 100,000 INHABITANTS OR MORE AND IN INDUSTRIAL AREAS WITHIN THEIR NATIONAL BOUNDARIES. MEMBER NATIONS SHOULD COMPLETE SUCH ASSESSMENT STUDIES BY 1980.

RECOMMENDATION II

MEMBER NATIONS WILL ESTABLISH EFFECTIVE AIR QUALITY MONITORING SYSTEMS INCLUDING THE MEASUREMENT OF METEOROLOGICAL PARAMETERS.

RECOMMENDATION III

MEMBER NATIONS WILL EMPLOY REFERENCE METHODS ENDORSED BY THE WORLD HEALTH ORGANIZATION (WHO), THE ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD) AND/OR THE INTERNATIONAL STANDARDS ORGANIZATION OR ALTERNATIVE METHODS WHICH HAVE BEEN SHOWN TO BE COMPARABLE TO THESE REFERENCE METHODS.

RECOMMENDATION IV

UNCLASSIFIED

PAGE 06 STATE 076050

MEMBER NATIONS WILL ESTABLISH SYSTEMS FOR MONITORING DATA STORAGE AND RETRIEVAL SUCH AS THOSE EMPLOYED BY THE WHO.

RECOMMENDATION V

MEMBER NATIONS WILL CONDUCT EMISSIONS INVENTORIES EMPLOYING THE UNIFORM PROCEDURES BASED ON THE EXPERIENCE DERIVED FROM THE CCMS ASSESSMENT STUDIES.

RECOMMENDATION VI

MEMBER NATIONS WILL COOPERATE TO DEVELOP STANDARDIZED METHODS FOR EMISSIONS DATA STORAGE AND RETRIEVAL TO SUPPORT REQUIREMENTS IN THE CONDUCT OF NATIONAL AIR QUALITY MANAGEMENT PROGRAMS. THE U.S. NATIONAL EMISSION DATA SYSTEM (NEDS) MIGHT SERVE AS A MODEL FOR A COMMON INTERNATIONAL SYSTEM.

RECOMMENDATION VII

MEMBER NATIONS WILL COOPERATE TO DEVELOP STANDARDIZED TECHNIQUES FOR PROJECTING EMISSIONS AND PREDICTING FUTURE AMBIENT AIR QUALITY.

THE RECOMMENDATIONS REGARDING AIR QUALITY CRITERIA ARE:

RECOMMENDATION VIII

MEMBER NATIONS, IN ACCORDANCE WITH NATIONAL PRIORITIES, WILL SET AMBIENT AIR QUALITY STANDARDS BASED ON THE CRITERIA DEVELOPED IN CCMS. THE GUIDES DEVELOPED BY THE WHO SHOULD BE USED IN CONJUNCTION WITH THE NATO CRITERIA DOCUMENTS IN THE STANDARD-SETTING PROCESS.

RECOMMENDATION IX

MEMBER NATIONS WILL PARTICIPATE IN THE WHO PROGRAM FOR DEVELOPMENT OF CRITERIA DOCUMENTS AS WELL AS IN

THE REVISION OF EXISTING CRITERIA DOCUMENTS.
UNCLASSIFIED

PAGE 07 STATE 076050

RECOMMENDATION X

MEMBER NATIONS WILL SUPPORT STRONG NATIONAL RESEARCH PROGRAMS AND COOPERATE INTERNATIONALLY FOR THE PURPOSE OF DEVELOPING ADDITIONAL CRITERIA ON THE ENVIRONMENTAL EFFECTS OF ALL AIR POLLUTANTS.

THE RECOMMENDATIONS REGARDING CONTROL TECHNOLOGY ARE:

RECOMMENDATION XI

MEMBER NATIONS WILL USE CCMS CONTROL TECHNOLOGY DOCUMENTS IN DEVELOPING IMPLEMENTATION PLANS FOR IMPROVING AIR QUALITY.

RECOMMENDATION XII

MEMBER NATIONS WILL, IN THE COURSE OF INDUSTRIAL EXPANSION, EMPLOY THE BEST AVAILABLE CONTROL TECHNOLOGY ON AN INDUSTRY BY INDUSTRY BASIS.

RECOMMENDATION XIII

MEMBER NATIONS WILL ASSURE THE EXCHANGE OF NEW INFORMATION ON RESEARCH, DEVELOPMENT, AND DEMONSTRATION OF THE CONTROL TECHNOLOGY. CCMS DERIVED CONTROL TECHNOLOGY DOCUMENTS SHOULD BE UPDATED PERIODICALLY TO REFLECT SIGNIFICANT ADVANCES. THE APPROPRIATE INTERNATIONAL BODY FOR THIS EFFORT IS THE WHO INTERNATIONAL REFERENCE CENTER FOR AIR POLLUTION CONTROL.

THE RECOMMENDATION RESULTING FROM THE MODELING ACTIVITY IS:

RECOMMENDATION XIV

MEMBER NATIONS AGREE THE CCMS MODELING ACTIVITY HAS SHOWN THAT THERE IS A WIDESPREAD NEED FOR FURTHER INTERNATIONAL COOPERATION TO ACCOMPLISH THE FOLLOWING TASKS:

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PAGE 08 STATE 076050

--BRING TOGETHER MODEL DEVELOPERS AND AIR QUALITY MANAGERS FOR EXCHANGE OF I

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